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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	Gregory C. DeSalvo
				Group Art Unit	
				Examiner Name	
Sheet	1	of	2	Attorney Docket Number	AFD 00459

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code (if known)			
JUR		6,258,287		Martin et al.	07-10-2001	column 4, lines 35-49
JUR		6,257,168		Ni et al.	07-10-2001	Fig. 3 & col. 25, l. 25 - col. 9, l. 9
JUR		6,246,010		Zenner et al.	06-12-2001	
JUR		6,218,640		Selitsner	04-17-2001	col. 4, l. 39-57
JUR		6,207,005		Henley et al.	03-27-2001	Figs. 7-8, col. 8, l. 10 - col. 9, l. 6
JUR		6,175,287		Lampen et al.	01-16-2001	col. 1, l. 22 - 41
JUR		5,972,781		Wegleiter et al.	10-26-1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.*	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Aappear	T
		Office	Number	Kind Code (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				T <sup>2</sup>
Examiner Initials*	Cite No.*	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
JUR		R. WILLIAMS, Modern GaAs Processing Methods, Artech House, Inc. 1990.		
JUR		R. GOYAL, Monolithic Microwave Integrated Circuits: Technology & Design, Artech House, Inc. 1989		
JUR		J. COBURN, Plasma Etching and Reactive Ion Etching, American Vacuum Society Monograph Series, American Institute of Physics, 1982		
JUR		C. SU, M. XI, Z. DAI, M. VERNON and B. BENT, "Dry etching of GaAs with C12: correlation between the surface C1 coverage and the etching rate at a steady state," Surface Science, 282, 357 (1993)		
JUR		R SHUL, A. HOWARD, C. VARTULI, P. BARNES and W. SENG, "Temperature dependent electron cyclotron resonance etching of InP, GaP, and GaAs," Journal of Vacuum Science & Technology (A), 14, 1102 (1996)		
JUR		J. LEE and S. PEARTON, "Investigation of masking materials for high ion density C12/Ar plasma etching of GaAs," Semiconductor Science & Technology, 11, 812 (1996)		

Examiner Signature	<i>Gregory C. DeSalvo</i>	Date Considered	07/22/2003
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### U.S. PATENT DOCUMENTS

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		Number	Kind Code (if known)			
<i>gcm</i>		5,512,496		Chau et al.	04-30-1996	<i>Fig 11</i>
<i>gcm</i>		4,438,368		Abe et al.	03-20-1984	<i>col. 1, l. 11-25</i>
<i>gcm</i>		4,431,898		Reinberg et al.	02-14-1984	<i>col 2, l. 31 - col. 4, l. 21</i>
<i>gcm</i>		4,401,054		Matsuo et al.	08-30-1983	<i>col. 3, l. 14, col 4, l. 52</i>

### FOREIGN PATENT DOCUMENTS

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### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

OTHER PUBLISHED NON-PATENT LITERATURE				T <sup>2</sup>
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Examiner Signature <i>Julio J. Maldonado</i>	Date Considered	<i>07/22/2003</i>
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